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The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

- 1. (Withdrawn)
- 2. (Withdrawn)
- 3. (Withdrawn)
- 4. (Withdrawn)
- 5. (Withdrawn)
- 6. (Withdrawn)
- 7. (Currently Amended) A waveguide device comprising:
- (i) at least one pair of optical fiber waveguides located such that (a) light radiation propagating through one of said waveguides will be at least partially coupled to a corresponding waveguide and, (b) said optical fiber waveguides are separated by a gap of about 2μ m to about 500μ m, said optical fiber waveguides having dn/dT that is larger than $0.0/C^{O}$:
- (ii) <u>at least one</u>, another <u>non-planar</u> waveguide connecting said <u>at least one pair of</u> optical fiber waveguides, said another <u>non-planar</u> waveguide having dn/dT of $-2x10^4/C^O$ to $-4x10^4/C^O$.
- 8. (Canceled) A waveguide device according to claim 7, wherein said pair of waveguides are optical fibers.

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- 9. (Currently Amended) A waveguide device according to claim 7, wherein said waveguide device is a planar waveguide device that includes (i) a plurality of optical fiber waveguide pairs separated from one another by a trapezoidal gap, wherein said trapezoidal gap includes a plurality of the non-planar waveguides connecting said pairs of optical fiber waveguides; said plurality of the non-planar waveguides having lengths that vary from one another.
 - 10. (Original) A waveguide device according to claim 7, wherein said waveguide device provides a plurality of narrow band optical signals each corresponding to one of a plurality of output ports, including a center signal provided by one of said ports, said center signal characterized by a predetermined wavelength and, said device is athermalised so that $\Delta \lambda c < 0.01$ /°C, where λc is said predetermined wavelength.
 - 11. (Original) A waveguide device according to claim 7, wherein said gap separation is between 5μm and 200μm.
 - 12. (New) The waveguide device according to claim 7, wherein said another, non-planar waveguide is thicker in the middle than at its ends.